



AMENDMENT III

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Page 36. The following statement is added after the Admission Policy for Full-Time, Part-Time, Transfer, and Transient Students.

To register for courses that have pre-requisites, students must submit official transcripts showing the pre-requisites.

The following rules for regulation of placement testing will be made available to the students:

1. Students should enter the placement testing facility with their Holmes ID number available.
2. Students are required to sign in when entering the testing facility and provide a picture ID.
3. NO cell phone usage is allowed in the testing area.
4. NO children are allowed in the testing area.
5. There will be no personal calculators allowed in the testing area. A calculator is provided on the computer.

Page 56. General Education Core Course Numbers & Titles (Effective Spring 2007)

ATE 1113 taken during or after Spring Semester, 2007, will be counted only as a computer literacy for graduation requirements by any program.

Page 58. Associate of Applied Science Degree is amended as follows:

***BOT, CIS, ENT, & SUR students are not required to take a computer literacy course since computer literacy is fundamental to all of those programs” – should be amended to read:

“***BOT, CIS, ENT, MST and SUR students are not required to take a computer literacy course since computer literacy is fundamental to all of those programs.”

Page 79. Dean’s Scholarship:

The following statements have been removed: “Awards will be made to first-time entering freshmen at the beginning of both the fall and spring semesters. Awards will be made to transfer students at the beginning of the fall semester only.”

The following academic program has been changed:

The Associate Degree Nursing Program

Page 133. The following sentences have been removed:

“There are three options.”

“*Criteria for Admissions: The applicant must score an 18 or higher on the ACT.”

Page 134. The following sentence and paragraph have been removed:

“*Criteria for Admissions: The applicant, without the prerequisites of Option One, must have 18 or higher on the ACT.”

All of Option Three is removed.

Page 135. The second paragraph of the Associate Degree Nursing Admission Policy now reads:

“Students who are accepted but who have not had Anatomy and Physiology I and II must take and successfully pass these courses with at least a grade of C before beginning nursing classes.”

The fourth paragraph of the Associate Degree Nursing Admission Policy now reads:

“In accordance with the Board of Trustees of State Institutions of Higher Learning’s Associate Degree Nursing admission criteria, a student must have an ACT composite score of 15 if taken before October, 1989, or 18 if taken in October, 1989, or after.”

Page 136. The first paragraph has been removed.

The second paragraph, first sentence now reads:

“The applicant must score an 18 or higher on the ACT, and have at least a 2.0 GPA on previous college work.”

The Weighted Score ADN Admission Policy now reads:

“Enrollment in the ADN Program is limited; therefore, the selection of applicants is done on a point system.

Selection is academically competitive based on the following categories: ACT, plus college hours and college GPA, from a regionally accredited school.

If two people have the same score, preference will be given according to their rating on the ACT or, these being equal, their GPA.”

Page 137. The last sentence of the second paragraph now reads:

“Applicants must also be CPR certified, and pass a criminal background check.”

In the third paragraph “ten working days” is replaced with “a designated period of time.”

In the fourth paragraph, “nursing” is inserted before student.

The fifth paragraph now reads:

“Those applicants with the highest scores will be accepted.”

The following technical programs have been changed:

Business & Office Technology - Accounting Technology option:

Second Year, Second Semester: **Work Based Learning WBL 1913 is removed.**

Business & Office Technology - Medical Office Technology option:

The course numbers for ICD & CPT Coding Courses has been changed to the following numbers:

ICD Coding – BOT 2653

CPT Coding – BOT 2643

- **Second Year : Switch out CPT Coding and Humanities/Fine Art Elective**

First semester

Transcription Elective

ICD Coding

Communication Technology

Humanities/Fine Art Elective

English Composition I

*College Algebra

Second semester

Transcription Elective

Medical Information Management

CPT Coding

Business Communication

Oral Communication

Social/Behavioral Science Elective

Page 146.

Computer Information System Technology**Computer Network Support Technology (LAN)
(Ridgeland Campus)****First Year****First Semester**

English Composition I ENG 1113
 * Programming Elective 3 or 4
 Microsoft Windows: Install and Config. CNT 1634
 Web Development Concepts CNT 1513
 Fundamentals of Data
 Communication CNT 1414

Total 17/18 Hours

Second Semester

Operating PlatformsCPT 1333
 Visual Basic ProgrammingCPT 1214
 Network ComponentsCNT 1524
 Social/Behavioral..... 3
 Network Administration Using
 Microsoft ServerCNT 1624

Total 18 Hours

Second Year**First Semester**

Advanced Network Admin. (Windows) CNT 2644
 System Maintenance CNT 2423
 College Algebra MAT 1313
 Humanities/Fine Arts Elective 3
 Network Planning
 and DesignCNT 2534

Total 17 Hours

Second Semester

Oral Communication SPT 1113
 Network ImplementationCNT 2544
 Network SecurityCNT 2553
 **Career Development CPT 2133
 Network Administration using LinuxCNT 1654

Total 17 Hours

**Professional Development BOT 1213
 May be substituted
 **Business Communications BAD 2813
 May be substituted

Computer Networking Support Technology (LAN) is a two-year program which offers training in telecommunications, network administration, and client/server systems. An AAS degree is earned upon successful completion of the Network Support curriculum. Successful completion of the first year entitles a student to a certificate in Network Operations. Students enrolling in the CNT program must meet college ACT admission standards; however, an ACT score of 18 is recommended for admission into this program.

* Programming Electives should be chosen from the following list:

Database Design Fundamentals	CPT 1353
Advanced Visual Basic Programming Language	CPT 2434
Java Programming	CPT 1414
Database Programming (Adv VB is recommended)	CPT 2244
C++ Programming	CPT 2284
Scripting Programming Languages	CPT 2444
Database Architecture	DBT 1214
SQL Programming (Pre-Requisite DBT 1214)	DBT 1113
PL/SQL Programming (Pre-Requisite DBT 1113)	DBT 1123

Page 147. Computer Information Systems – Computer Programming

First Year First Semester,

BOT 1213 Professional Development should be changed to read as follows:

Professional Development ...BOT 1213

OR Business Communications..... BOT 2813

OR Career Development.... CPT 2133

Page 148.

Software Engineering Technology (Ridgeland Campus) First Year

First Semester		Second Semester	
Database Arch	DBT1214	Operating Platform	CPT 1333
English Comp I	3	Visual BASIC	CPT 1214
MS Windows Installing and Config ...	CNT1634	Oral Communications.....	SPT 1113
Web Development	CNT 1513	SQL Programming.....	DBT1113
Java Programming	CPT 1414	Social/Behavioral Science	3
Total	18 Hours	Total	16 Hours

Second Year

First Semester		Second Semester	
Advanced Visual BASIC	CPT 2434	Database Programming	CPT 2244
System Maintenance.....	CNT 2423	Network Administration using Linux	CNT 1654
*PL/SQL Programming.....	DBT 1123	Career Development.....	CPT 2133
Business Accounting (BOT1433)		College Algebra.....	MAT 1313
Or Accounting I (ACC1213)	3	*Script Programming	CPT 2444
Humanities/Fine Arts.....	3		
Total	16 Hours	Total	18 Hours

**Professional Development BOT 1213 may be substituted

**Business Communications BOT 2813 may be substituted

Software Engineering Technology (SET) is a two-year program which offers training in the design of coding, and testing of business applications; network management; and computer system operations. Opportunities for students with expertise in SET include industries such as health care, manufacturing, telecommunications and computer consulting. An Associate of Applied Science degree is earned upon completion of the SET curriculum. Students enrolling in the SET program must meet the general admission requirements of the Holmes Community College district; however, an ACT score of 18 is recommended.

*Other programming classes may be substituted for these classes - please see your advisor.

Page 154. Engineering Technology – Architectural Engineering:

ENT 2923 - Fundamentals of Multimedia is added as an Approved Technical Elective

Page 156. Engineering Technology – Drafting & Design:

ENT 2923 - Fundamentals of Multimedia is added as an Approved Technical Elective

Page 160. Engineering Technology – Manufacturing Technology

First Year, 1st semester remove Statics & Strengths - ENT 2253 and correct the total hours to read 16 hours.

First Year, 2nd Semester, delete Metallurgy - MST 2813 and replace it with Statics & Strengths ENT 2253.

Add the following to the list of electives:

ECO 2123 - Principles of Microeconomics

ECO 2113 - Principles of Macroeconomics

ENT 1153 - Basic Applications of Industrial Safety

MST 1413 - Blueprint Reading

MST 2813 - Metallurgy

WBL 191(1-3) and WBL 192(1-3) Work-Based Learning

Page 166. Machine Tool Technology

Under ***Approved Technical Electives, add ENT 1133 - Technology Graphics.

Amend the statement “***MAT 1233 or BOT 1313 & a Natural Science may be substituted by adding ‘*for College Algebra MAT 1313’”.

Page 178. The following academic courses have been changed:

ART 1323 DRAWING II - Prerequisite: ART 1313. Introduction to color dynamics and precision drawing as used in creative expression. Emphasis on composition. Required of art majors. Six lab hours. Three hours credit.

ART 1433 DESIGN I - To provide students with an understanding of the elements and principles of design to enable development of an informed, intuitive sense as well as a highly informed skills base/ methodology involving black and white design problems which apply principles and elements of visual design. Six lab hours. Three hours credit.

ART 1443 DESIGN II - To provide students with an understanding of color theory and applications of color so that there begins to be an informed as well as intuitive sense of seeing, mixing, and applying color and light to design problems. Six lab hours. Three hours credit.

ART 1453 THREE DIMENSIONAL DESIGN - To provide students with an understanding of spatial form in three dimensions through the use of applied design elements and principles to studio problems in mixed media. Six lab hours. Three hours credit.

ART 2513 PAINTING I - Techniques used in painting water colors, oils, pastel or other media, in still life and landscape pictures. Six lab hours. Three hours credit.

ART 2523 PAINTING II - Advanced problems in different media. Six lab hours. Three hours credit.

ART 2613 CERAMICS I - A studio course designed to cover the making of pottery, from the building by hand or throwing on the potter's wheel to the application of ceramic glazes and the firing procedures, to produce finished ceramic ware. An appreciation of the ceramics of the past and present will be included. Six lab hours. Three hours credit.

ART 2713 ART HISTORY I - Survey course of historical background of art forms from Prehistoric to Renaissance. Emphasis is on painting, architecture, and sculpture as related to history. Three lecture hours. Three hours credit.

ART 2723 ART HISTORY II - Renaissance to Twentieth Century. Special emphasis on modern expressions in fields of art. Three lecture hours. Three hours credit.

BAD 2813 - Business Communications (Prerequisite: ENG 1113).

BIO 1114 – Principles of Biology I.

An introduction to the basic principles of modern biology and their relevance to human life. Topics include: the nature and history of scientific thought, the scientific method, basic biological chemistry, cellular structure, cellular processes, cell division and transmission genetics. This course is designed for non-science related majors, and DOES NOT SATISFY the prerequisite for more advanced courses. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 1124 – Principles of Biology II.

An introduction to the basic principles of modern biology and their relevance to human life. Topics include: a survey of kinds of organisms, human biology, ecology and discussions of issues pertinent to human health and environmental issues. This course is designed for non-science related majors, and DOES NOT SATISFY the prerequisite for more advanced science courses. Three lectures. Two hours laboratory. Four hours credit.

BIO 1134 - General Biology I (Prerequisite: MAT 1203 or higher or placement score for MAT 1233 or higher).

A combined lecture and laboratory course for science majors. The topics covered include cell chemistry, cell structure, energy transformations, enzymes, energy pathways, cell reproduction, embryology, genetics, DNA structure and function, and gene regulation and engineering. The lab reinforces principles introduced in the lecture. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 1144- General Biology II (Prerequisite: MAT 1203 or higher or placement score for MAT 1233 or higher).

A combined lecture laboratory course for science majors. This course is an introduction to the diversity of life starting with evolution and leading to the major the kingdom systems. Emphasis is placed on the concepts of evolution, schemes of classification, and descriptions of the ecology, anatomy and physiology of major taxa with an emphasis on plants and animals. The lab reinforces the principles introduced in the lecture. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 1314 – Botany I (Prerequisite: MAT 1203 or higher or placement score for MAT 1233 or higher).

A combined lecture and laboratory course covering the representative groups of the plant kingdom, their anatomy, physiology, taxonomy, and economic importance. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 1324 - Botany II is removed.

BIO 1613/FCS 1253 - NUTRITION (Prerequisite Mat 1203 or higher or placement score for Mat 1233 or higher).

This course is a study of nutrients required for normal growth and applied to the selection of food for ingestion, metabolic process of digestion, assimilation and absorption. Three lecture hours per week. Three hours credit.

BIO 2414 -ZOOLOGY I (Prerequisite: MAT 1203 or higher, or placement score for Mat 1233 or higher.)

A combined lecture and laboratory course that includes in-depth studies of phylogeny and classification systems, protozoa, and major invertebrate phyla. Labs associated with this course contain experiments and exercises to reinforce the principles introduced in lecture class. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 2424 - ZOOLOGY II (Prerequisite BIO 2414).

A combined lecture and laboratory course that includes in-depth studies of animal phyla with emphasis on the vertebrates and animal systems. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 2514 — Human Anatomy and Physiology I (Prerequisite: MAT 1203 or higher or Placement Score for MAT 1233 or higher.)

A combined lecture and laboratory course that covers the anatomical and physiological study of the human body as an integrated whole. The course includes detailed studies of: biological principles; tissues; and the integumentary, skeletal, muscular and nervous systems. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 2524 - HUMAN ANATOMY AND PHYSIOLOGY II (PREREQUISITE: BIO 2514).

A combined lecture and laboratory course that includes detailed studies of the anatomy and physiology of human special senses and the endocrine, circulatory, respiratory, digestive, and urinary systems, as well as reproduction and development. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three hours lecture. Two hours laboratory. Four hours credit.

BIO 2924 - Microbiology (Prerequisite: BIO 1134 or higher).

A combined lecture and laboratory course providing a survey of the microbes with emphasis on those affecting other forms of life, especially man. Labs associated with this course are devoted to lab safety and gaining hands on experience in the areas of: microscopy, culturing techniques (pure culture and isolation and media preparation), staining techniques, aseptic technique, diagnostic procedures and effectiveness of antimicrobial agents. Three hours lecture. Two hours laboratory. Four hours credit.

CHE 1114 - Introduction to Chemistry (Prerequisite: MAT 1203 or higher or placement score for MAT 1233 or higher)

A combined lecture and laboratory introductory basic chemistry course that covers terminology, measurements, atomic structure, nomenclature, chemical equations and basic stoichiometry. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. 4 hours credit.

CHE 1211 - General Chemistry Laboratory I (Co/Pre-requisite CHE 1213).

Must be taken concurrently in phase with the lecture sequence. Selected experiments to illustrate the principles introduced in CHE 1213. Three hours laboratory. One hour credit.

CHE 1213 - General Chemistry I (Co-requisite: MAT 1313 or appropriate placement in a higher level math course.)

A course covering the fundamental concepts of college chemistry. Topics include: atomic and molecular structure, nomenclature and chemical formulas, chemical reactions, periodical and atomic properties, stoichiometry, the mole concept, bonding, and gases. Three lectures. Three hours credit.

CHE 1221 – General Chemistry Laboratory II (Prerequisite: CHE 1211 & 1213).

A continuation of CHE1211. Must be taken with the lecture sequence or after finishing the lecture sequence. Three hours laboratory. One hour credit.

CHE 1223 - General Chemistry II (Prerequisite: CHE 1213).

A continuation of CHE 1213 with emphasis on the following topics: solutions, acid-base theories, thermodynamics, kinetics, equilibria, and electrochemistry. Three lectures. Three hours credit.”

CHE 2424 – Organic Chemistry I (Prerequisite: CHE 1223)

A combined lecture and laboratory course that covers carbon chemistry, bonding structure, and behavior; aliphatic compounds; stereochemistry and reaction mechanisms. Labs associated with this course acquaint students with important manipulations and procedures, and the preparation and study of organic compounds. Three lectures. Three hours laboratory. Four hours credit.

CHE 2434 – Organic Chemistry II (prerequisite: CHE 2424)

A continuation of CHE 2424. A combined lecture and laboratory course that covers spectroscopy, aromatic compounds, carbonyl compounds and other complex compounds, with emphasis on reactions, reaction mechanisms, and nomenclature. Labs associated with this course acquaint students with important manipulations and procedures, as well as the preparation and study of aromatic and complex organic compounds. Three lectures. Three laboratory hours. Four hours credit.

ENG 2323 - Eng Lit I (Honors) has been removed.

ENG 2333 - Eng Lit II (Honors) has been removed.

ENG 2223 - Am Lit I (Honors) has been removed.

ENG 2233 - Am Lit II (Honors) has been removed.

ENG 1113 - Eng Comp I (Honors) has been removed.

ENG 1123 – Eng Comp II (Honors) has been removed.

HIS 1113 – Western Civilization I (Honors) has been removed.

HIS 1123 – Western Civilization II (Honors) has been removed.

HIS 2213 – American History I (Honors) has been removed.

HIS 2223 – American History II (Honors) has been removed.

MAT 1103 – Developmental Mathematics

A review of fundamental arithmetic skills: A study of the four basic operations with whole numbers, fractions, decimals, signed numbers, percentages, and applications. Three lectures and one hour lab. Three hours institutional credit. (Not designed to transfer.)

MAT 1203 – Beginning Algebra (Prerequisite: MAT 1103 or appropriate placement scores for MAT 1203)

A review of operations on real numbers, an introduction to solving linear equations, graphing linear equations of two variables, exponents and polynomials, factoring, rational expressions, and applications. Three lectures and one hour lab. (Not designed to transfer).

MAT 1233 – Intermediate Algebra (Prerequisite: MAT 1203 or appropriate placement scores for MAT 1233)

A review of factoring, algebraic fractions, graphing, roots and radicals, exponents, linear and quadratic equations, linear inequalities, and applications. Three lectures. Three hours credit.

MAT 1613 – Calculus I (Corequisite: MAT 1323 or appropriate placement scores for MAT 1613)

MAT 1723 – The Real Number System (Prerequisite: MAT 1203 or appropriate placement scores for MAT 1233) Effective Summer 2007

MAT 1733 – Geometry, Measurement, and Probability (Prerequisite: MAT 1233 or appropriate placement scores for MAT 1313) Effective Summer 2007

MAT 2323 – Statistics (Prerequisite: MAT 1313)

Introduction to statistical methods of collecting, presenting, analyzing, and interpreting quantitative data in a variety of fields. Three lectures. Three hours credit.

PHY 1114 - Introduction to Astronomy.

A combined lecture and laboratory course that includes surveys of the solar system, our galaxy, and the universe. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2244 Physical Science I (Co-requisite: MAT 1233 or placement score for Mat 1313 or higher).

A combined lecture and laboratory course that includes studies of measurements and units, electricity, mechanics, heat, sound, light, and astronomy. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2254 Physical Science II (Co-requisite: MAT 1233 or placement score for Mat 1313 or higher).

A combined lecture and laboratory course that includes studies of chemistry, geology and meteorology. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2414 General Physics I (Co-requisite: Mat 1323 or placement score for Mat 1613 or higher) (Effective Summer 2007).

A combined lecture and laboratory course covering mechanics, heat, waves, and sound. This is a non-calculus based course primarily for pre-professional majors. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2424 General Physics II (Pre-requisite: PHY 2414).

A combined lecture and laboratory course covering electricity, magnetism, optics, and modern physics. This is a non-calculus based course primarily for pre-professional majors. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2514 - Engineering Physics I. (Pre-requisite: MAT 1613 or higher).

A combined lecture and laboratory course covering mechanics, heat, waves, and sound. This is a calculus-based course primarily for students of engineering, science, or mathematics. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

PHY 2524 - Engineering Physics II. (Pre-requisite: PHY 2514).

A combined lecture and laboratory course covering electricity, magnetism, optics, and modern physics. This is a calculus-based course primarily for students of engineering, science, or mathematics. Labs associated with this course contain experiments and exercises that reinforce the principles introduced in lecture classes. Three lectures. Two hours laboratory. Four hours credit.

SOC 2113 – Introduction to Sociology (Honors) has been removed.

SPT 1113 – Oral Communication (Honors) has been removed.

Page 210. The following technical courses have been added:

CPT 2133 - Career Development.

This course provides practical exercises in interpersonal skills, the job search process, and the importance of high standards of personal and professional relationships for employment. Two lectures. Two hours lab. Three hours credit.

CPT 2424 - Advanced C Programming (Prerequisites: CPT2284).

This course is a continuation of the C Programming course. Students will learn more in-depth Object - Oriented Programming including inheritance and exception handling. Two lectures. Four hours laboratory. Four hours credit.

DBT 1113 SQL - Programming (Prerequisite: DBT1214).

This course offers students an extensive introduction to data server technology, covering the concepts of both relational and object relational databases and the Standard Query Language (SQL). Students are taught to store, retrieve, and manipulate data. Two lectures. Two hours laboratory. Three hours credit.

DBT 1123 - PL/SQL Programming (Prerequisite: DBT1113).

This course offers students an extensive introduction to data server technology, covering advanced concepts of both relational and object-relational databases using PL/SQL. Students are taught to create and maintain database objects and control user access. Two lectures. Two hours lab. Three hours credit.

AMENDMENT III/HOLMES COMMUNITY COLLEGE 2006-2007 BULLETIN

The following technical courses have been changed:

CNT 1624 – Network Administration using Microsoft Windows Server

(Prerequisite: None)

CNT 2644 – Advanced Network Administration using Microsoft Windows Server

(Prerequisite: CNT 1624 or CNT 1634)

CPT 1224 - RPG Programming Language (Prerequisite: CPT 1144).

CPT 1234 - COBOL Programming Language (Prerequisite: CPT 1144).

CPT 2354 - Systems Analysis and Design (Pre/Corequisite: CPT 2434).

I certify that the above amendment is true and correct in content and in policy.



Dr. Fran Cox, Vice President for Academic Programs

Date: December 4, 2006